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JC14 Rec'd PCT/PTO 17 MAY 2005

Attorney Docket No. GLH08896551

Client/Matter No. 22718.0002

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Serial No. | Confirmation No. |
| Inventors: Shiquan WU and John LITVA | Title: HYBRID SPACE-TIME DIVERSITY BEAM FORMING METHOD |
| Filed: May 17, 2005 | |
| TC/A.U. | |
| Examiner: | |
| Docket No. GLH08896551 | |
| Customer No. 25235 | |

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. 1.97

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants hereby submit for filing under 37 CFR 1.97 a disclosure statement. In submitting the references listed, no representation is made or implied that the references are or are not material to the examination of this application. The patents, publications or other information of which Applicants are presently aware are listed in Form PTO/SB/08A submitted herewith. Copies of all such patents and publications are enclosed.

No fee is believed due for this submittal. However, any fee deficiency associated with this submittal may be charged to Deposit Account No. 50-1123.

Respectfully submitted,

May 17, 2005


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| <p>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p> | | | | Application Number | |
| | | | | Filing Date | May 17, 2005 |
| | | | | First Named Inventor | Shiquan WU |
| | | | | Art Unit | |
| | | | | Examiner Name | |
| Sheet | 1 | of | 2 | Attorney Docket No. | GLH08896551 |

| U.S. PATENT DOCUMENTS | | | | | |
|---------------------------------|-----------------------|---|--------------------------------|--|---|
| Examiner Initials | Cite No. ¹ | Document No. No. – Kind Code ² | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Doc | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | US 5,390,216 | 02-14-1995 | BILITZA, ET AL. | |
| | | US 6,356,763 | 03-12-2002 | KANGAS, ET AL. | |
| | | | | | |
| | | | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | |
| Examiner Initials | Cite No. ¹ | Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Doc | Pages, Columns, Lines Where Relevant Passages or Relevant Figures Appear |
| | | WO 92/05672 | 04-02-1992 | TELEVERKET | |
| | | WO 01/72081 | 09-27-2001 | SIEMENS INF & COMM NETWORKS; BENEDITTIS ROSSELLA DE (IT); PAINA FA | |
| | | EP 0 474 138 | 03-11-1992 | NOKIA MOBILE PHONES LTD. | |
| | | WO 2004/047333 A3 with International Search Report | 06-03-2004 | TENXC WIRELESS | |
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| Substitute for form 1449A/PTO | | | | Application Number | |
| | | | | Filing Date | May 17, 2005 |
| | | | | First Named Inventor | Shiquan WU |
| | | | | Art Unit | |
| | | | | Examiner Name | |
| Sheet | 2 | of | 2 | Attorney Docket No. | GLH08896551 |
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT | | | | | |
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NON PATENT LITERATURE DOCUMENTS

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